

PRODUCT APPROVAL EVALUATION REPORT

PER 553.842 F.S. AND RULE CHAPTER 61G20-3

DATE: August 25, 2025

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COMPLIANCE METHOD: 61G20-3.005 (1)(d)
Evaluation Report from a Licensed Professional Engineer

PRODUCT DESCRIPTION: APPLICATION FL # 47332.3

Manufacturer	E.S. Windows, Inc.
Address	3550 NW 49th St, Miami, FL 33142
Product Name	SERIES ES-WA9040 ALUMINUM WINDOW WALL SYSTEM WITH DM12J SLIDING WINDOW AND JULIET RAILING
Window Width	Maximum Width: 54 in.
Window Height	Maximum Height: 134 1/16 in.
Design Pressure	+ 150 PSF / - 150 PSF
Impact Rating	Small Missile Impact (SMI)
Installation Drawing	DT-PA-ESW-006
Use in HVHZ	This product complies with the testing requirements of the High Velocity Hurricane Zones.
Comparative Analysis	Comparative analysis in compliance with Section 2411.3.2.4, FBC 2023 has been included based of tested sizes, design and cycling pressures.

TESTS PERFORMED: Mandatory in compliance with AAMA 501 Per FBC 2023 section 1709.8.4 and 2411.3.2.1.1, AAMA 101/I.S.2/NAFS/TAS-202, TAS-201 and TAS 203, supplemental tests in compliance with TAS 202, ANSI Z97.1 Impact Test and Live loads per FBC 2023 section 1607.8.

Test Report	Test Lab.	Report Date	Test Standard	Description	Lab. Engineer
TR-IFET-25-0043	IFET, Inc.	08/12/2025	ANSI Z97.1	Impact Test for Safety Glass	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	FBC-1607.8	Concentrated Load	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	ASTM E283	Air Infiltration	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	TAS 202	Uniform Structural Load Tests (Positive and Negative).	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	ASTM E331	Water Infiltration	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	TAS 201 /ASTM E1996	Small Missile Impact Test	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	TAS 203 /ASTM 1886	Cyclic Pressure Test (Positive and Negative).	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	ANSI Z97.1	Impact Test for Safety Glass	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	FBC-1607.8	Distributed and Concentrated Live Loads	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	ASTM E283	Air Infiltration	Arshad Viqar, PE
TR-IFET-25-0043	IFET, Inc.	08/12/2025	TAS 202	Uniform Structural Load Tests (Positive and Negative).	Arshad Viqar, PE

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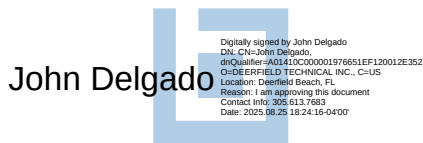
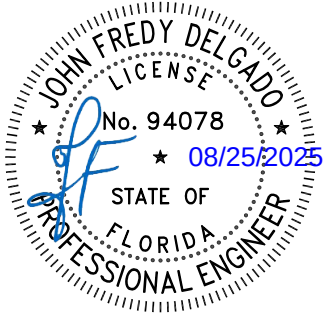
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Under the limitations of the referenced installation drawings DT-PA-ESW-006, to the best of my knowledge, the product herein evaluated complies with the requirements of the Florida Building Code 8th edition (2023).

Evaluation performed by:



This item has been Digitally Signed and sealed by John Delgado, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

John F. Delgado, P.E.
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Deerfield Technical Inc.
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